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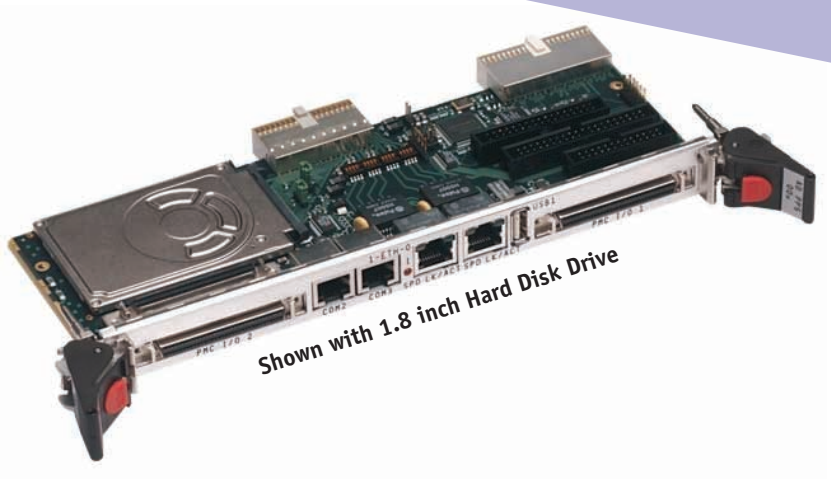
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Find the *Concurrent Technologies AD PP5/001-97U* at our website: *Click HERE*

AD PP5/001

Transition Module



APPLICATIONS

The AD PP5/001 is designed to be used with Concurrent Technologies' PP 310/01x and PP 312/01x CompactPCI® Processor boards. The Transition Module mounts in the rear transition area of the CompactPCI backplane and provides very simple access to the majority of the I/O functions provided on the processor board. Many I/O interfaces are accessed through the Transition Module's own front panel and the remainder from headers mounted on the Module.

HIGHLIGHTS

- Transition Module for rear I/O:
  - 80mm depth as per CompactPCI specification
  - single slot
- Interfaces to CPCI via J3 and J5
- Dual 10/100/1000Mbps Ethernet via RJ45 connectors on Transition Module's front panel
- Floppy Disk interface via 34-way header
- EIDE interface via 40-way header
- Onboard CompactFlash™/IBM®/Hitachi Microdrive™ connector or 1.8 inch hard disk drive fitted:
  - supports up to Ultra-DMA 100
- PC speaker via 5-way header
- Parallel printer port interface (ECP, EPP and IEEE1284) via a 26-way header
- USB interface via USB connector on Transition Module's front panel
- 2 x RS232 serial ports via RJ45 connectors on Transition Module's front panel
- External reset, system fan monitor and general purpose user I/O via 12-way header
- 2 x PMC I/O via 68-way connectors on Transition Module's front panel (wiring compatible with Concurrent Technologies' SCSI PMC modules)

CONCURRENT TECHNOLOGIES

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Specification

Ethernet Interface
- two channels
- supports 10BaseT,100BaseTx and 1000BaseT for UTP CAT5 via RJ45 connectors on front panel
- Ethernet signals are routed via transition module's front panel or via PICMG® 2.16 Packet Switching Backplane

EIDE Interface
- supports Ultra-DMA 33 speeds via 40-way header
- option for CompactFlash/IBM Microdrive connector or 1.8 inch disk drive fitted

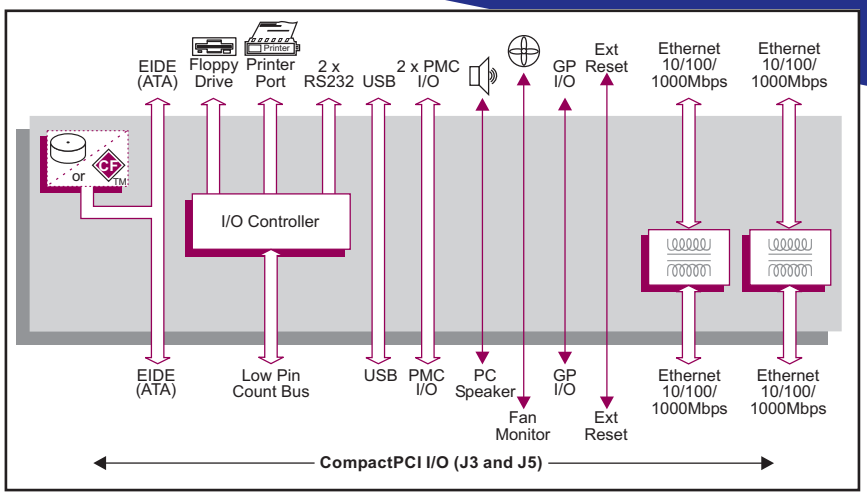
Serial Interface
- RJ45 connectors for 2 x RS232 asynchronous serial ports:-
  - ➔ each channel supports TXD, RXD, RTS, CTS, DTR, DSR and DCD
- controlled via Low Pin Count (LPC) bus

USB Interface
- 1 x USB channel accessed via USB connector on front panel

Parallel Printer Port
- via 26-way header on-board
- supports all common modes of operation (for example, EPP, ECP)
- controlled via (LPC) bus

Floppy Disk Interface
- via 34-way header on board
- controlled via (LPC) bus

PMC I/O
- 2 x 68-way high density D-type connectors on the front panel
- Vertical on-board 68-way high density D-type connector
- each connector provides 64-bits of I/O from one PMC site
- wiring compatible with Concurrent Technologies PMC SCSI modules

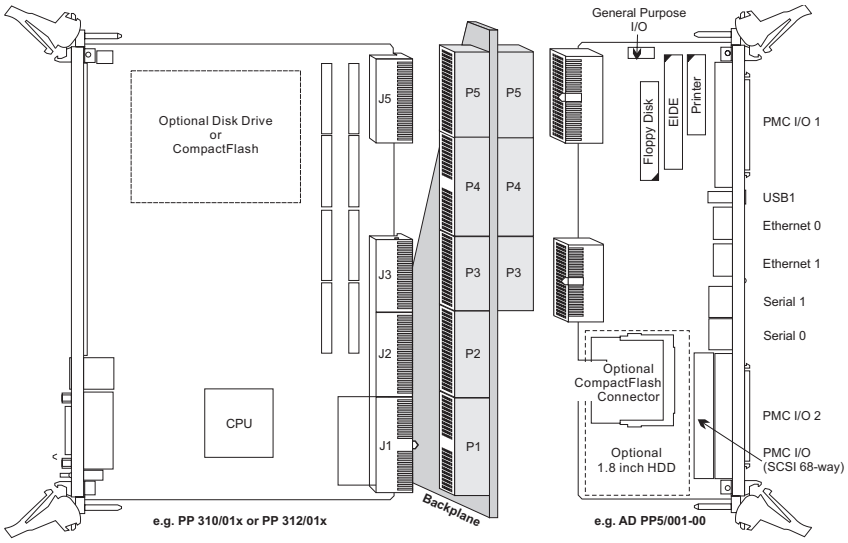


Other Interfaces
- PC speaker via 5-way header
- 10-way header providing:-
  - ➔ system fan monitor
  - ➔ external reset
  - ➔ general purpose user I/O lines (GP I/O)

Electrical Specification
- all voltages to be within ±5%
- +5V@0.2A - quiescent current; +3.3V@0.2A

Environmental Specification
- 0°C to +55°C (operating)
- -40°C to +70°C (storage)
- 10% to 90% Relative Humidity, non-condensing (operating)
- 10% to 90% Relative Humidity, non-condensing (storage)

Mechanical Specification
- 6U form-factor: 9.2" x 3.2" (233.35mm x 80mm)
- single-slot: 0.8" (20.3mm)
- connectors: IEC-1076-4-101 for J3 and J5
- shock:
  20g, 11ms, ½ sine (operating);
  30g, 11ms, ½ sine (non-operating)
- vibration:
  5Hz-2000Hz at 2g, 0.38mm peak displacement (operating);
  5Hz-2000Hz at 5g, 0.76mm peak displacement (non-operating)





ORDERING INFORMATION

Order Number	Product Description (Hardware)
AD PP5/001-00	Transition Module with connector for CompactFlash/IBM Microdrive (use with PP 310/01x or PP 312/01x only)
AD PP5/001-01	Transition Module including 1.8 inch Hard Disk Drive (use with PP 310/01x or PP 312/01x only)
AD PP5/001-30	Transition Module with connector for CompactFlash/IBM Microdrive (use with PP 330/02x or PP 332/02x only)
AD PP5/001-31	Transition Module including 1.8 inch Hard Disk Drive (use with PP 330/02x or PP 332/02x only)

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